

## ABSTRACT OF THE DISCLOSURE

An asynchronous remote copy system which can ensure the data renewal order and data integrity of the disk subsystems. The system provides for data mirroring by a main center having a gateway and a remote center having a gateway, and storage systems in each center connected to the corresponding gateway. Data is mirrored through synchronous type remote copy between volumes of the storage systems of each center. The gateway of the main center sends the renewal data to the gateway of the remote center in accordance with the order of renewal of volumes, to make the gateway of the remote center reflect the renewal data upon the volumes thereof through asynchronous type remote copy.